



**Fact Sheet: Draft Perchlorate Environmental Contamination: Toxicological Review and Risk Characterization; Scientific Peer Review Meeting**  
March 5 and 6, 2002 ~ Sacramento, California

**BACKGROUND:** On January 18, 2002, EPA released a revised draft risk assessment entitled, "*Perchlorate Environmental Contamination: Toxicological Review and Risk Characterization*" for public review and comment. On March 5 and 6, this draft assessment will be the subject of an external scientific peer review in Sacramento, California. This meeting is open to the public as observers and opportunities are being provided for public comment at the meeting. Public comments should be focused on the science of the assessment.

**PEER REVIEW MEETING:** The sole purpose of this peer review workshop is to subject the external review draft to independent review by scientific experts who have knowledge in one or more of the following areas:

- ▶ Pharmacokinetics/dosimetry and interspecies extrapolation modeling
- ▶ Endocrinology (especially neonatal and adult thyroid hormone, endocrine disruption)
- ▶ Neurotoxicity, immunotoxicity, and pathology (especially examination of thyroid)
- ▶ Developmental toxicity, reproductive toxicity, and genetic toxicology
- ▶ Epidemiology and clinical studies
- ▶ Statistics (especially Bayesian techniques and human health dose-response analysis)
- ▶ Ecotoxicological effects (interpretation of ecological toxicity studies)
- ▶ Environmental transport and biotransformation

Neither the scientific peer reviewers nor the public are expected to review or comment on this document in the context of any possible future EPA regulatory actions related to perchlorate. In addition, it is important to note that the scientific experts on the peer review panel have been asked to provide to EPA their *individual* views and opinions on the science and EPA's characterization of the science in the draft perchlorate assessment. EPA is *not* seeking a consensus opinion from the panel.

Further, the revised human health and ecological risk estimates found in this draft document continue to undergo scientific review and analysis both within EPA and by the external scientific community. Therefore, it is premature at this stage to interpret risk estimates in this draft document as final EPA conclusions on which the Agency would take any risk management action. These human health and ecological risk estimates could be used in the future to support development of a health advisory or a possible drinking water regulation, and for consideration in cleanup decisions at federal facilities or other contaminated sites. These decisions would be subject to the legal, regulatory, or policy requirements associated with those programs, including, if applicable, notice of proposed rulemaking and opportunities for public comment on any proposed regulatory actions related to perchlorate.

**PUBLIC COMMENTS:** Written public comments on the scientific literature and on EPA's characterization of the science in the draft perchlorate assessment, will be accepted by EPA's meeting contractor, Eastern Research Group, for consideration during the Agency's document revision process. These comments will also be made available to the peer reviewers. *Public comments must be received by April 5, 2002.* Send your comments to: Eastern Research Group, Attn: Meetings, 110 Hartwell Avenue, Lexington, MA 02421. If your comments are under 50 pages in length, you can send them via email attachment (in Word, WordPerfect or pdf) to *meetings@erg.com*.

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